

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE <b>12</b>		PAGE OF PAGES <b>1</b>   <b>2</b>		
2. AMENDMENT/MODIFICATION NO. <b>40</b>		3. EFFECTIVE DATE <b>May 5, 2005</b>		4. REQUISITION/PURCHASE REQ. NO. <b>N/A</b>		5. PROJECT NO. (If applicable)	
6. ISSUED BY Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		CODE <b>PS31/MED</b>		7. ADMINISTERED BY (If other than Item 6) <b>Jeffrey S. Jackson</b> (256) 544-8935 Phone (256) 544-3223 Fax		CODE <b>PS31-J</b>	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Science Applications International Corporation (SAIC) Company 6, Technology Services Company 10260 Campus Point Drive San Diego, CA 92121 c/o 6725 Odyssey Drive, Huntsville, AL 35806				(✓)		9A. AMENDMENT OF SOLICITATION NO.	
				X		9B. DATED (SEE ITEM 11)	
						10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NNM04AA02C</b>	
						10B. DATED (SEE ITEM 13) <b>1/1/04</b>	
CODE <b>CAGE- 0T5L1</b>		FACILITY CODE <b>SAP- 103429</b>					

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

[ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended, [ ] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15 and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: <b>FAR 43.103(a) and Mutual Agreement</b>
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [ ] is not, [ X ] is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated <u>Estimated Cost</u>	Shared Savings <u>Fee</u>	Award Fee <u>Earned</u>	Potential <u>Award Fee</u>	Contract <u>Value</u>	Total Sum <u>Allotted</u>
Prev. Base Total	\$483,616,267	\$0	\$7,547,552	\$20,949,131	\$512,112,950	\$260,384,259
This Modification	\$0	\$0	\$0	\$0	\$0	\$0
Rev. Base Total	\$483,616,267	\$0	\$7,547,552	\$20,949,131	\$512,112,950	\$260,384,259

SEE PAGE 2 FOR DESCRIPTION OF AMENDMENT/MODIFICATION

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect

15A. NAME AND TITLE OF SIGNER (Type or print) <b>Julia A. Whitt, Contracts Manager</b>		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>Jeffrey S. Jackson, Contracting Officer</b>	
15B. CONTRACTOR/OFFEROR		16B. UNITED STATES OF AMERICA	
15C. DATE SIGNED  <b>May 5, 2005</b>		16C. DATE SIGNED  <b>May 5, 2005</b>	
<u>/s/ Julia A. Whitt</u> (Signature of person authorized to sign)		BY <u>/s/ Jeffrey S. Jackson</u> (Signature of Contracting Officer)	

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**  
(continued)

The purpose of this modification is to revise the title of ATTACHMENT J-2, DATA PROCUREMENT DOCUMENT, "Business Continuity Plan" to the "Continuity of Operations Plan". This change is necessitated by the pending resubmittal of the Type 1 document in accordance with requested revisions and the requirements of DRD 974MA-007, Documentation. In addition, ATTACHMENT J-1, PERFORMANCE WORK STATEMENT, is revised to reflect this name change where delineated within. It is understood that this modification is for a document name change only and that content and changes thereto will be at the mutual agreement of the parties. It is further understood and agreed that this change will not require an adjustment to either the contract value or total sum allotted to the contract. Accordingly, NNM04AA02C is modified as follows:

- A. ATTACHMENT J-1, PERFORMANCE WORK STATEMENT, is revised to reflect the change in name of the "Business Continuity Plan" to the "Continuity of Operations Plan" as delineated therein.
- B. ATTACHMENT J-2, DATA PROCUREMENT DOCUMENT, DRD 974MA-007, Documentation, is revised to reflect the change in name of the "Business Continuity Plan" to the "Continuity of Operations Plan" as delineated therein.
- C. The modification(s) made above are reflected in total on the change page(s) enclosed herewith. In order to reflect the change(s) made, the page(s) listed below are hereby deleted from, or added to, NNM04AA02C. Either bolded text or a vertical change bar included in the right margin indicates the specific area(s) of change.

Page(s) Deleted

J-1-12  
J-1-13  
J-1-47  
J-1-79  
J-2-3  
J-2-31

Page(s) Added

J-1-12  
J-1-13  
J-1-47  
J-1-79  
J-2-3  
J-2-31

- D. All other terms and conditions of NNM04AA02C remain unchanged.

- a. Maintain and administer a NASA COMSEC account through the TOP SECRET/Sensitive Compartmented Information LEVEL, and provide encryption key management services, and classified documentation storage.
- b. Provide encryption key management services, and store sensitive documentation for teleconferencing and data circuits.
- c. Operate and maintain secure communications equipment to include voice, data, and video equipment.
- d. Provide support for NASA National Security Systems.

### **2.7.2 IT Security Program**

The contractor shall prepare an Information Technology Security Plan that documents how the contractor and subcontractor personnel will utilize, in a secure manner commensurate with sensitivity of the information involved, those Federal computer systems and software applications managed by others. The contractor shall adhere to all NASA policies and procedures when utilizing corporate resources within the NASA environment. The contractor shall prepare a system-level Information Technology System Security Plan for each Federal general support computer system and major software application managed by contractor and subcontractor personnel in the performance of the contract. The security plan(s) shall be based on an assessment of risks and document the safeguards necessary to ensure sufficient electronic information availability, integrity, and confidentiality as required by NPR 2810.1 and NIST standards. The contractor shall prepare the information technology security plan(s) in accordance with DRD 974CD-001.

### **2.7.3 Continuity of Services and Operations**

The contractor shall develop, maintain, and test service continuity, contingency, and disaster recovery plans for all systems for which they are responsible. In support of disaster preparedness and recovery, the contractor shall:

- a. Develop and maintain a Disaster Recovery Plan (DRD 974MA-007) to ensure the orderly recovery from a disaster that may render all or part of information facilities, systems, and equipment inoperable. This plan shall be in accordance with applicable NASA policy (NPR 1040.1).
- b. Coordinate with information systems and disaster recovery experts across MSFC and NASA to verify integration of procedures and planning techniques.
- c. Execute effective measures to protect all systems equipment and data from potential environmental threats.
- d. After the occurrence of a disaster, ensure that systems are operational and restore any lost capabilities and data.
- e. Develop and maintain a Continuity of Operations Plan in accordance with DRD 974MA-007.

#### **2.7.4 Emergency Response**

The contractor shall provide necessary materials, equipment, and emergency essential personnel in support of the Emergency Operations Center and the Marshall Emergency Plan (MPG 1040.3H). The contractor shall also develop and maintain Continuity of Operations Plans and Disaster Recovery Plans for all systems for which they are responsible in accordance with DRD 974MA-007.

#### **2.7.5 Audit/Investigation Support**

The contractor shall provide support and information to internal and external auditing and investigations performed by agencies such as General Accounting Office (GAO), Inspector General (IG), Defense Contracting Audit Agency (DCAA), Defense Contract Management Agency (DCMA), Federal Bureau of Investigation (FBI), Office of Management and Budget (OMB), independent boards, and other requests.

#### **2.7.6 Export Control**

The contractor shall prepare, implement, and maintain the Export Control Plan in accordance with DRD 974MA-009 and implement a comprehensive program consistent with applicable NASA, MSFC, Department of State, and Department of Commerce regulations and procedures for the performance of the UNITEs mission. The contractor shall comply with NASA FAR Supplement 1852.225-70, NPD 2190.1, **NPR 2190.1**, MPD 2190.1, and MPG 2190.1.

The contractor shall provide a monthly report of all export control activities in accordance with DRD 974MA-009. The contractor shall maintain a database recording export control activities. The database shall be accessible to contractor and NASA personnel as designated by the COTR.

#### **2.7.7 System Administrator Certification**

In addition to any other requirements of this contract, all individuals who perform tasks as a system administrator or have authority to perform tasks normally performed by system administrator shall be required to demonstrate knowledge appropriate to those tasks. This demonstration, referred to as the NASA System Administrator Security Certification, is a NASA funded two-tier assessment to verify that system administrators are able to:

- a. Demonstrate knowledge in system administration for the operating systems for which they have responsibility.
- b. Demonstrate knowledge in the understanding and application of Network and Internet Security.

Certification is granted upon achieving a score above the certification level on both an Operating System test and the Network and Internet Security Test. The Certification earned under this process will be valid for three years. The NASA Chief

- 2) Perform adjustments, cleaning, lubrication, and replacement of parts as specified according to published maintenance procedures.
- 3) Install latest releases of Field Change Orders (FCO's) and other hardware updates.
- b. In performing PM to software, the contractor shall:
  - 1) Acquire, test, and install software updates. Software tests and installations shall normally be performed during scheduled system test periods.
  - 2) Track and renew system software licenses (DRD 974MA-007).
  - 3) Evaluate vendor-supplied updates or patches for applicability.
  - 4) Implement system software releases.

#### **3.9.4.2 Remedial Maintenance (RM)**

The contractor shall perform RM, defined as that maintenance performed which results from equipment and software failure. It is performed as required on an unscheduled basis. RM shall be performed on all hardware and software elements specified in this contract. In performance of this function, the contractor shall:

- a. Perform RM promptly after notification that the component is inoperative.
- b. Ensure that the RM is performed to meet the customer's requirements and minimizes operational impact to the customer.
- c. Plan, implement, and enforce operational procedures to ensure that the system continues to operate while any failed component is being replaced. Document operational procedures in the Operability/Maintainability Plan (DRD 974RM-001).
- d. Ensure that the maintenance tools, spares, procedures, skills, and response times are adequate to meet the requirements of the approved Operability/Maintainability Plan (prepared in accordance with DRD 974RM-001).

#### **3.9.5 Collaboration**

The contractor shall establish and maintain contact with internal and external technical working groups consisting of IT professional associations and vendor systems experts to assist in accomplishing its mission.

#### **3.9.6 Disaster Recovery**

The contractor shall test the Disaster Recovery Plan (prepared in accordance with DRD 974MA-007) to ensure the orderly recovery from a disaster that may render all or part of information facilities, systems, and equipment inoperable. The contractor shall also test the Continuity of Operations Plan (prepared in accordance with DRD 974MA-007).

- 3) Install latest releases of Field Change Orders (FCO's) and other hardware updates.
- b. In performing PM to software, the contractor shall:
  - 1) Acquire, test, and install software updates. Software tests and installations shall normally be performed during scheduled system test periods.
  - 2) Track and renew system software licenses (DRD 974MA-007).
  - 3) Evaluate vendor-supplied updates or patches for applicability.
  - 4) Implement system software releases.

#### **5.10.4.2 Remedial Maintenance (RM)**

The contractor shall perform RM, defined as that maintenance performed which results from equipment and software failure. It is performed as required on an unscheduled basis. RM shall be performed on all hardware and software elements specified in this contract. In performance of this function, the contractor shall:

- a. Perform RM promptly after notification that the component is inoperative.
- b. Ensure that the RM is performed to meet the customer's requirements and minimizes operational impact to the customer.
- c. Plan, implement, and enforce operational procedures to ensure that the system continues to operate while any failed component is being replaced. Document operational procedures in the Operability/Maintainability Plan (DRD 974RM-001).
- d. Ensure that the maintenance tools, spares, procedures, skills, and response times are adequate to meet the requirements of the approved Operability/Maintainability Plan (DRD 974RM-001).

#### **5.10.5 Collaboration**

The contractor shall establish and maintain contact with internal and external technical working groups consisting of IT professional associations and vendor systems experts to assist in accomplishing its mission.

#### **5.10.6 Disaster Recovery**

The contractor shall test the Disaster Recovery Plan (prepared in accordance with DRD 974MA-007) to ensure the orderly recovery from a disaster that may render all or part of information facilities, systems, and equipment inoperable. The contractor shall also test the Continuity of Operations Plan (prepared in accordance with DRD 974MA-007).

National Aeronautics and Space Administration			DATA PROCUREMENT DOC.		
<b>PAGE REVISION LOG</b>			NO.      ISSUE		
			974      Basic		
NOTE: The current revision is denoted by a vertical line in the outer margin adjacent to the affected text.			AS OF: 01-01-04		PAGE:
INSERT LATEST REVISED PAGES.      DISCARD SUPERSEDED PAGES.					
ITEM	PAGE	STATUS	ITEM	PAGE	STATUS
Mod 3	J-2-1				
Mod. 3	J-2-3				
Mod. 3	J-2-19				
Mod. 3	J-2-28				
Mod. 3	J-2-35				
Mod. 3	J-2-38				
Mod. 5	J-2-22				
Mod. 10	J-2-9				
Mod. 10	J-2-25				
Mod. 10	J-2-36				
Mod. 10	J-2-37-A				
Mod. 22	J-2-12				
Mod. 24	J-2-37-A				
Mod. 30	ALL				
Mod. 38	J-2-30				
Mod. 40	J-2-31				

MSFC - Form 3461-2 (Rev August 1970)

## Attachment 1

Documentation	PWS paragraph	Frequency	Data Type	Format	Content
Continuity of Operations Plan	2.7.3.e, 2.7.4, 3.9.6, 5.10.6	Annually	1	Hardcopy	
Facilities Management documentation	2.9.a, 2.9.b, 2.9.c, 2.9.d, 2.9.e, 2.9.f, 2.9.h, 2.9.j, 2.9.k, 2.9.l	Maintain current	3	Hardcopy	Documentation, floor plans, records of changes/moves, schedules, status, projects, requirements
Customer requirements	2.11.1.b, 2.11.2.a, 3.9.1.1.a, 3.9.1.1.c, 3.9.2.1.a, 5.10.1.1.a, 5.10.1.1.c, 5.10.2.1.a	Semi-Annually	3	Hardcopy and online/database	NISN PSLA NACC MSFC
Customer service level agreements and commitment agreements	2.11.2.i	Maintain current	3	Hardcopy and online/database	NISN PSLA NACC MSFC
Applications and Web Services Manual	3.1, 5.1	Semi-Annually	2	Hardcopy and online	Descriptions of Agency wide computer applications services
Data Administration documentation	3.1.b, 5.1.b	Maintain current	1	Hardcopy	Policies, procedures, architecture, data dictionary and models, etc.
Digital Television service documentation	3.2.a, 3.2.b	Maintain current	1	Hardcopy	Customer television requirements; transition and implementation plans
IT Security Demilitarized Zone design, architecture and environment	3.3.4.b	Maintain current	1	Hardcopy	
Account management documentation	3.3.5.a, 3.4.4.f, 3.7.3.1.a, 3.7.3.1.b, 4.2.1.6, 4.2.2.5, 5.2.1.f, 5.2.2.f	Maintain current	5	Hardcopy	User account information (userids, access, quotas, requirements), smart cards, secure tokens, etc.
Software licenses	3.4.b, 3.9.4.1.b(2), 5.10.4.1.b(2)	Maintain current	5	Online	
Midrange Node Book	3.4.4, 5.2	As required	3	Online	System configuration documentation for Agencywide computer systems services defined in Appendix A, Category I.

J-2-31 (Mod. 40)